

**REMARKS**

The specification has been added to add sequence identifiers to identify the nucleic acid and amino acid sequences shown in the Figures.

The specification has also been amended to correct an obvious error in the description of the polymorphisms (pages 17, 40 and 42). The skilled artisan would understand that, based on the disclosure of the application as a whole, that "linkage equilibrium" would be nonsensical and that instead, it is "linkage disequilibrium" that is relevant to the polymorphism discussed in the present application.

The claims have been added to remove multiple dependencies and to place the claims more fully in U.S. format.

No new matter has been added. Entry and consideration of this Amendment are respectfully requested.

Respectfully submitted,



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